



Product Data Sheet:
Alexa Fluor 647, Goat Anti Guinea Pig IgG (H+L)
Highly cross-ads. (min. X Rb, Sh, Ha, Bv, Gt, Hu, Ck, Rt)

Cat. No:	IS20041
Size:	1 mg
Clone:	POLY
Concentration:	2mg/ml
Host:	Goat
Isotype:	IgG
Reactivity:	Guinea Pig
Applications:	Recommended Dilution Range Fluorescence microscopy: 1-2 ug/mL Flow cytometry: 1 ug/10 ⁶ cells Near-infrared western detection: 50-100 ng/m
Purification:	Aff. Pur.
Background:	Alexa Fluor 647 antibodies are affinity-purified antibodies labeled with a red fluorescent dye ALEXA FLUOR647, one of an outstanding series of ALEXA FLUOR dyes developed by Immunological Sciences. ALEXA FLUOR dyes are superior to both Alexa® Fluor dyes and CyTM dyes for antibody labeling by having combined advantages in brightness, photostability, specificity and novel features ideal for in vivo imaging (Please visit our website for details).
Form:	liquid
Buffer:	2 mg/mL in pH~7.4 PBS containing 50% glycerol, 2 mg/ml bovine serum albumin (IgG-free and protease-free) and 0.05% sodium azide.
Storage:	Store at 4°C for several months. Protect from light. For longer storage, divide the conjugate into small aliquots and freeze at -20°C. Avoid repeated freezing and thawing.
Properties:	Color and Form: Blue solution. Spectral Properties: $\lambda_{abs}/\lambda_{em}$ = 650/665 nm (in pH 7.4 PBS buffer) ALEXA FLUOR647 is spectrally similar to CyTM5, Alexa Fluor® 647 and DyLightTM 649

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